

Date: Thu, 8 Apr 93 14:20:59 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #435
To: Info-Hams

Info-Hams Digest Thu, 8 Apr 93 Volume 93 : Issue 435

Today's Topics:

 "Postal Prowess" & QSL Requirements For Awards
 anyone heard of USA BUREAU?
 Callbook Info Needed
 CB to Ham Conversions
 kenwood TR7800
 MFJ QRP
 National electrical code and Antennas
 Need tone decoder circuit
 RFD: rec.radio.amateur reorganization
 updating station location
 Wanted: 12 Meter MOD Info for HR2600 10M radio
 worked him ???? (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Apr 1993 17:37:49 GMT
From: swrinde!zaphod.mps.ohio-state.edu!usc!sol.ctr.columbia.edu!eff!
ssd.intel.com!chnews!mstcsh!mgustoff@network.UCSD.EDU
Subject: "Postal Prowess" & QSL Requirements For Awards
To: info-hams@ucsd.edu

> Some folk do things honourably, but sufficient do not, so awards are
> somewhat tarnished nowadays. This is unfair to the honourable people.

>

> Perhaps DXCC is becoming more of a test of postal prowess?

>

>Stuff deleted
>
> Cheers
> David GM4ZNX

Indeed it has, so what is wrong with more organizations changing their policies and procedures for acquiring their respective awardsg:

- 1) Issue awards confirmed via logs and certified by a local club or a couple of hams. I know some skeptics might conclude that this will lead to possible cheating, deception, etc. etc. (But, these are the same people we entrust in the giving of amateur exams, and we're happy with their efforts now where more is at stake if cheating occurred than just a phony award hanging on the wall if cheating occurred during award certification).

This eliminates the required "postal prowess" that GM4ZNX spoke of previously. For those in the hobby that want to chase awards relative to their on-air-operation, but don't have the \$\$ or desire to collect cards, they would not be burdened with card acquisition when all they an 8x10 certificate showing they "Worked All _____"

- 2) Reward those that do collect cards with an endorsement sticker that shows they've collected the associated cards to go with the award document, thus allowing those with ample \$\$\$ and "postal prowess" to acquire additional recognition. Many awards these days have endorsement stickers in a range of criteria, from modes, bands, power, etc. etc.. Why not add another one relative to "QSL-Confirmed"?

I encourage those of you not enjoying the card collection facet of our hobby to add up your yearly expenses relative to "postal prowess". Wouldn't you rather spend that money on another rig, antenna, key, or other gadget, and help fund the amateur radio businesses instead of funding the Postal Services around the world?????

73 es Gud DX'ing and QSL'ing

de W07T
Mark

Date: Thu, 8 Apr 93 16:07:24 GMT
From: sequent!muncher.sequent.com!dale@uunet.uu.net

Subject: anyone heard of USA BUREAU?
To: info-hams@ucsd.edu

I received a post card at our club PO box yesterday requesting that club members be told about the "QSL BUREAU FOR THE USA". This is the first I have heard of this, though there was something a year or so ago (same outfit?) that was to send cards free, funded by enclosing advertising with the cards. I believe this did not work out.

Here is text of card:

QSL BUREAU FOR THE USA

Purpose of the QSL Bureau for the USA is to promote the exchange of QSL cards in the states. By using the Bureau, you will not need a call book, send only to one address, lower mailing cost, No Fee for receiving QSL's. Just send up to four, 4X9 (#10) SASE's with your call in UPPER LEFT CORNER.

To send cards, place the call of receiving station, on the address side in large letters. Friends, Clubs, etc. can combine cards to lower cost. Presort by call Area, and alphabetically. Enclose \$1.00 PER 25 cards.

Send to: USA BUREAU, P.O. Box 309,
Magnolia Springs, AL. 36555

SPREAD THE WORD ON THE AIR "QSL VIA USA BUREAU"
"Operated by KB4TOX"

I tried to type this in as it appeared on card, consider any typos to be mine. It sounds to me that if someone sends me cards via this service I must have envelopes on file, much like my DX QSL service.

Has anyone heard of this? Anyone used it? It seems to me that this would take a dedicated team of volunteers (much like the DX QSL bureau) to really work.

=====

My comment on reorganization of group: Only chance for cutting down the flow of traffic is to moderate the group and have a moderator reject posts about reorganization, advertising policy of ARRL, CW requirement, legal use of autopatch, and HT's on airplanes. I'm lucky to have a smart newsreader. Unlikely I could read group without it. 73, Dale.

--

dale@sequent.com OR uunet!sequent!dale
Dale Mosby 503-578-9842 N7PEX // Sequent Computer Systems, Inc.
15450 SW Koll Parkway // Beaverton, Or. 97006-6063

Date: Mon, 5 Apr 1993 22:44:34 GMT
From: news.service.uci.edu!ttinews!harley!paulb@network.UCSD.EDU
Subject: Callbook Info Needed
To: info-hams@ucsd.edu

I worked KN5BN near tulsa recently. I generally use the on-line call book for address info since I do not need callbook info often. However, the on-line one has calls thru around 6/92 and this call just missed that deadline, so I am pretty sure that he is in the '93 callbook.

Bottom line: Would some kind soul with a '93 callbook please send me this guys name & address so that I can send him a qsl card? Thanks, in advance.

This mind intentionally left blank

Paul Blumstein, paulb@harley.tti.com, DoD #36, ABATE, AMA, HOG, doh #2
KD6LAA, MARC, ARRL, Platypus #240, QRP-ARPCI, NASWA, LWCA, RCMA (CALA905)
Transaction Technology, Inc., Santa Monica, CA

Date: 8 Apr 93 19:54:51 GMT
From: news-mail-gateway@ucsd.edu
Subject: CB to Ham Conversions
To: info-hams@ucsd.edu

>Date: Thu, 8 Apr 1993 00:42:40 GMT
>From: usc!howland.reston.ans.net!ux1.cso.uiuc.edu!news.cso.uiuc.edu!uxa.cso.uiuc.edu!jtg0707@network.UCSD.EDU
>Subject: 11m to 10m conversion (or any other bands)
>To: info-hams@ucsd.edu
>
>How easy/hard is it to convert a cb radio to 10m or any ther amateur bands?
>The cb radios I've come across in the local stores seemed very reasonably
>priced. Where do find info on that sort of stuff? Anyone out there on
>-the net
>has done the conversions before?

From: Cecil_A_Moore@ccm.hf.intel.com

There is a company here in Phoenix, AZ that specializes in CB to Ham conversions. Their catalog is \$2. Their address is:

C.B.City International
P.O.Box 31500
Phoenix, AZ 85046

I am not associated with them in any way...KG7BK

Date: 8 Apr 93 12:51:20 EST
From: dog.ee.lbl.gov!hellgate.utah.edu!cs.utexas.edu!zaphod.mps.ohio-state.edu!
magnus.acs.ohio-state.edu!bgsuvax!uoft02.utoledo.edu!jdrees@network.UCSD.EDU
Subject: kenwood TR7800
To: info-hams@ucsd.edu

kenwood tr7800

I just bought an old Kenwood TR7800 as a backup unit (great deal at a hamfest)

I would think that an old synthesized rig like that should have plenty of modifications possible. Any insight as to what I might do with it?? Any one have any experience with the unit??

Date: 8 Apr 93 17:09:14 GMT
From: news-mail-gateway@ucsd.edu
Subject: MFJ QRP
To: info-hams@ucsd.edu

I have no association with MFJ, other than as a purchaser of their equipment

MFJ QRP 40 Meter rig Impressions:

1. WOW how did they do it
2. Boy is this good
3. Certainly worth the money
4. Would make a great kit

I have owned the 20 meter version of the MFJ QRP rig. I used it at times for operation when hiking, mobile, and as my main rig. I was so happy with the results that I used it as part of an article I wrote up for Feb. QST. Hadn't used it in a while because I am now mainly interested in building my

own equipment so I sold it.

Was without an MFJ for about 3 weeks and ended up borrowing a 40 meter version with the Curtis Keyer and the optional filter. My 20 meter version had real good filtering and I never really needed the extra filter.

Well last night a new ham came over with his newly built Oak Hills Research 40 meter QRP DC transceiver to make his first CW contact. We first built a 40 meter resonant dipole for him to take home and then got him on the air.

Well it just so happened I had just got the 40 meter MFJ ready for operation and wanted to compare it to the Yaesu 757 and the Oak Hills. The 40 meter band in my neck of the woods was real noisy and not in real good shape.

I apologized to the new ham and asked if he minded terribly if I turned on the MFJ and checked it out (he had come home from work with me and therefore this was my first chance to do so). I turned on the rig and noticed how noisy the band was and pressed the filter button on the back of the rig.. low and behold.. it really worked. Like I said.. with 20 meters I didn't need this filter.. with 40 sure helps. Well tuned around the band for a minute and heard my favorite letters "CQ". Gave the dude next to me a look saying "may I please". He turned around and said "Go for it".

I sent out my call and was immediately answered. The ham on the other end was a solid 599 with bunches of every type of noise possible and other people right on top. I used the optional filter and the RIT. My signal was a 589. I was told that my signal was very good and clear which he thought was pretty amazing for 4 watts under the band conditions we were experiencing. I was using a G5RV type antenna (my own mixed up version) with a manual tuner.

I turned on my Yaesu 757 and listened to the same signal. I really enjoy the little Yaesu and use it in contests (including QRP.. it goes down to a milliwatt). I hate to admit it .. but the MFJ sounded cleaner. I switched on the Yaesu narrow filter and it helped a lot.

MFJ improved the RIT.. now has a center indent (or whatever they are called). The audio still isn't all that loud, even though they put a newer upper case and larger speaker. It is however, loud enough so that I have no trouble using the rig.

One thing I didn't like was the break in. When I finished sending it would take too long to unkey the rig. I had read about the semi/full break in, but didn't want to mess with my original rig. I pulled out the instruction manual this morning before work. It appeared to be a simple little adjustment to change this. I pulled off the cover and there was a clearly marked pot that said QSK right in the front of the board. I started playing with the adjustment. The adjustment worked GREAT, a very solid feel to it. I could adjust it to full QSK or back it off to anything I wanted. I don't really enjoy full QSK on noisy bands. It really bothers me when I am trying to carry on a conversation and hear people that sound like they are on the same frequency. I adjusted the break in to the point at which at my normal sending speed the rig unkeyed immediately after I finished sending... Boy was I impressed.

I used a set of paddles that I made from electronic switches and pieces out of the back of a PC. With the built in Curtis keyer they worked pretty near as well as my Benchers (and they don't fly apart when I accidentally hit them.. and can put them in a backpack).

I am now planing on modifying a 1/2 wave helically wound PVC vertical to see if I can use it for both 40 and 20. I could easily fit both the 20 and 40 meter MFJ rigs in the bottom of my backpack and really have a grand time. I also have a piece of fiberglass rod that I plan on experimenting with to make a very light weight portable verticle for either 20 or 40.

I would really be pleased if MFJ would kit this. I love things that work really well that I know that I built.

73 de Cookeville,TN
Jeff,AC4HF

Date: 8 Apr 93 18:40:44 GMT
From: news-mail-gateway@ucsd.edu
Subject: National electrical code and Antennas
To: info-hams@ucsd.edu

With all the talk about antenna materials and such I thought I would pass along some tidbits from the National Electrical Code. I am not sure

how many if any amateurs have their antenna systems inspected by the local authority having jurisdiction, but if you do this is the part of the code that may be used as the criteria.

Article 810 Radio and Television Equipment

810-11 Material. Antennas and lead-in conductors shall be of hard-drawn copper bronze, aluminum alloy, copper-clad steel, or other high strength, corrosion-resistant material.

810-11 through 810-15 as well as all of Part C of article 810 apply to Amateur transmitting and Receiving station antenna systems

There is a table for size in there as well ... 810-52

Roy WBOWWA

Date: 8 Apr 1993 19:08:05 +0300
From: mcsun!sunic!osiris.kbfi.ee!osiris.kbfi.ee!@uunet.uu.net
Subject: Need tone decoder circuit
To: info-hams@ucsd.edu

Matthew L Adair (mladair@world.std.com) wrote:

> Does anybody out there have a circuit that will decode a 1000Hz tone?
> Our local ARES uses that frequency tone for it's callout pages.
> I thought about buying a commercial unit, but building them are much
> more fun! Thanks in advance!
>
> Matt Adair N8SHA EMT-Soon to be!
> mladair@world.std.com

National Semiconductor has a chip for you:LM567. It requires only a couple of capacitors and resistors. I recall that the maximum locking range was 14%, but it can be made very narrow. It has also a low power version: LMC567.
Hope this helps.

Ylo Mets
ylo@osiris.kbfi.ee

Date: Thu, 08 Apr 93 11:11:53 -0400
From: usc!howland.reston.ans.net!europa.eng.gtefsd.com!emory!nanovx!dragon!blackwlf!nj8j!ben@network.UCSD.EDU

Subject: RFD: rec.radio.amateur reorganization
To: info-hams@ucsd.edu

jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes:

> I understand the fellow probably isn't about to get out the C compiler
> and start fixing things, but if he wants things to work right...

Getting out the C compiler wouldn't be a whole lot of help, as I don't have source, and I currently have better uses for the \$90 it would take to get it(not to mention the upgrade I would need to run the C compiler in the first place).

Ben

```
+-----+-----+
| Ben Coleman NJ8J | "All that is not eternal is |
| Packet: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA | eternally irrelevant." |
| Internet: ben@nj8j.atl.ga.us | |
| or ben@nj8j.blackwlf.mese.com | C. S. Lewis |
+-----+-----+
```

Date: 8 Apr 93 18:07:05 GMT
From: nwnexus!amc-gw!rob@uunet.uu.net
Subject: updating station location
To: info-hams@ucsd.edu

Just a note about my "upgrade" experience...

I've had my General ticket for about 14 years and decided it was time to upgrade. Studied about 2 days for the Advanced portion and successfully passed my test on Jan. 9 . Studied a little more and passed the Extra test on Feb. 6 along with the 20 WPM CW portion. Received a note from the ARRL on Feb. 15 stating that my Extra ticket was being held until I returned a photocopy of my Advanced license.

As of this past Monday I had not received my Advanced upgrade from the FCC. I called ARRL and was informed that my Advanced upgrade was submitted to the FCC on Jan. 25 and was issued on Mar. 3. (~6 weeks after being submitted) So I called the FCC only to find out that my license was returned to the FCC as undeliverable mail because they had not sent to the address that I put on my 610 form but to my former address.(My form was fille out correctly.) So my upgrade is finally on its

way even though a little late...

-rob WB7TDU /AE

Date: Thu, 8 Apr 1993 19:24:52 GMT
From: agate!howland.reston.ans.net!zaphod.mps.ohio-state.edu!uwm.edu!linac!att!
cbnewsm!nk30@ames.arpa
Subject: Wanted: 12 Meter MOD Info for HR2600 10M radio
To: info-hams@ucsd.edu

I am looking for information on the 12 Meter mod for the HR2600 10
Meter radio. If you have done the mod or have instructions on how the mod is
done, please e-mail me the information or tell me how I can get a copy.

Jeff ZellNK30

Date: Wed, 07 Apr 1993 22:59:00
From: world!eff!news.oc.com!utacfd.uta.edu!rwsys!ocitor!FredGate@uunet.uu.net
Subject: worked him ????
To: info-hams@ucsd.edu

jeez i must say that i dont like to sit for hours in a pile up copying a
callsign over and over and over and over again until i get it .. because the
station doesnt know how to send clean copiable morse code ... but i do !!

i hate it after i finally get the call sign and then sit there for hours trying to
work him split while jerks send 'call?' on top of him ... should i tell them ... i
do !!

i enjoy the chase, the hunt, and the bounty ... others are not as patient ... must
be lacking social graces, or never been fox hunting .

.... the callsign is ' nf6s/kp1 '

consider it an early christmas present ..

lee - wa5eha

* Origin: Com Port 1 DFW Amateur Radio BBS (214) 226-1181 (1:124/7009)

Date: Thu, 8 Apr 93 00:07:32 GMT
From: agate!howland.reston.ans.net!usc!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!torynews!

kevin@ames.arpa
Subject: Worked Him????
To: info-hams@ucsd.edu

In article <C50sMF.6rq@fc.hp.com> jayk@fc.hp.com writes:
>Actually on a DX net the net control will give the other stations call
>anyway so you know what it is already. Of course you don't have to get
>through to the DX in a pileup just the net control. And of course if
>you or the DX station gets the report wrong the net control will tell you
>and you get to try again. Real DX huh. Fish in a barrel.

Yes, kinda like choosing a lobster out of a restaurant tank. Oooh, there's a feisty one...

This is why I will NOT check into any of those DX nets. Why should I settle for a cheap imitation QSL when I can get a real one? Because the real QSL involves more effort on my part, when I see it on my wall I can be proud of that contact.

--

Kevin Sanders, KN6FQ NCR Torrey Pines
kevin.sanders@torreypinesca.ncr.com (619) 597-3602
kevin%beacons@cyber.net

Date: Thu, 8 Apr 93 00:26:39 GMT
From: usc!sdd.hp.com!ncr-sd!ncrcae!ncrhub2!torynews!kevin@network.UCSD.EDU
To: info-hams@ucsd.edu

References <C4vw3A.Dvr@athena.cs.uga.edu>, <Tseg2B3w165w@nj8j.blackwlf.mese.com>,
<jfhC4yyvK.LtA@netcom.com>
Subject : Re: ARRL/QST's advertising policies

In article <jfhC4yyvK.LtA@netcom.com> jfh@netcom.com (Jack Hamilton) writes:
>
>There are, however, two pieces of circumstantial evidence that make me
>think the ARRL is still engaging in discrimination:
>
>1) No ads have appeared, despite the willingness of several parties to pay
> for one.
>
>2) There are several ARRL employees on the net, and they have not been
> hesitant to post about ARRL policy in the past, but they haven't come
> forward and said "No, no, you've got it all wrong, we'd be glad to take
> an ad."
>

Well I would be surprised, if there really is a possible discrimination lawsuit, if the ARRL's lawyer(s) would permit the staff to be at all vocal on this issue, particularly in a widely disseminated forum such as the Internet. The possibility of the slip-of-a-finger causing much grief later is too real. I have definitely noticed a lack of postings from ARRL staffers in this thread.

[conjecture mode on]

If a lawsuit were indeed threatened, I would also be surprised if the ARRL would accept an ad from Lambda. This is not because they are discriminating against sexual orientation, but rather they are simply exercising their right to run an advertising section in the way they see fit. I wouldn't give someone who was suing me any privileges if I didn't have to, in fact I would make life as difficult as possible for them!

--

Kevin Sanders, KN6FQ NCR Torrey Pines
kevin.sanders@torreypinesca.ncr.com (619) 597-3602
kevin%beacons@cyber.net

Date: Thu, 8 Apr 93 16:06:42 GMT
From: usc!zaphod.mps.ohio-state.edu!uwm.edu!caen!destroyer!cs.ubc.ca!unixg.ubc.ca!
kakwa.ucs.ualberta.ca!alberta!adec23!mark@network.UCSD.EDU
To: info-hams@ucsd.edu

References <cole.124.733692506@soldev.tti.com>,
<12US03J8cfzW00@amdahl.uts.amdahl.com>, <1993Apr2.162224.23768@ke4zv.uucp>e
Subject : Re: RFD [rec.radio.amateur reorg]

gary@ke4zv.uucp (Gary Coffman) writes:

>My contention, based on my own observations, is that while there are
>certainly people in amateur radio with narrow focus, leading to varied
>interests in the community, by far the majority of amateurs *individually*
>have many varied interests.

This is true, but when I need packet information, I go to the appropriate news group. The hope was that net.wisdom would find groups that functioned as well as *.packet does.

>They have to choose which mail list to join, if indeed multiple mail lists
>are created.

No different than the overload that occurs to a new user presented with NetNews and going *mad* hitting 'U' to unsubscribe to all the groups

he doesn't want. The system is a bit more sluggish for a list server user than a news user.

>If they join all the lists, then crossposts become a volume issue because
>they are mailed separate copies in each group.

Only a problem due to the current implementation of the lists, sure, the listserver users are a victim of this, but hopes are that things will adjust to meet the requirements. I have seen listservers popping up that DO allow exacting control over what they receive, control over parent groups etc.

>If Brian doesn't create new mail lists, then those people are
>cut off from areas of discussion.

I would think that the least Brian would do would be to create a listserver that took the completeglom of articles in the groups and put them on one listserver address, even with cross-posting (but not multiple posting), the listserver users would see no difference.

Of course, he could decide to pack his bags too ... (quivering in his space boots :-)

>If improved signal to noise level is what's wanted, I
>think only moderated groups can make it happen.

Yes and no. You can not imagine the momentum and training required to convince people to post to moderated groups. A single mistake, and some flea. Sure, the signal to noise ratio is better, but the signal may drop off a couple of dB as well ... < plea for people to post informative articles associated with radio to rec.radio.info deleted as it may cause people stomache to turn watching me grovel :-) >

>Without someone ruling with an iron
>hand, the wheat and chaff won't land in the right piles.

I could point out that the Ham Community is used to self policing (albeit, much of it is upon deaf ears once those same Hams are all placed on USENET :-). Instead of using moderation, why not use police instead, I am sure there are a couple of people out there that would love the opportunity to be self important :-)

Ciao -- Mark

Date: Thu, 8 Apr 93 15:48:05 GMT

From: usc!wupost!gumby!destroyer!cs.ubc.ca!unixg.ubc.ca!kakwa.ucs.ualberta.ca!
alberta!adec23!mark@network.UCSD.EDU

To: info-hams@ucsd.edu

References <1993Apr1.135527.17472@hemlock.cray.com>,
<130103Tucfst00@amdahl.uts.amdahl.com>, <1photb\$1rj5@network.ucsd.edu>5
Subject : Re: RFD: rec.radio.amateur reorganization [discussion summary 3/31]

brian@ucsd.edu (Brian Kantor) writes:

>Or there are people who, like myself, don't believe in wasting energy
>arguing with those who are already convinced they're doing the right
>thing.

Many of us in the group kept on pinching ourselves to make sure we
really thought a split would do some good ... Please give reasons, we
(referring to the proponents of the split) are reasonable individuals.

>And so when you guys get through discussing the angelometrics of it,
>and put it up for a vote, I'll do what counts - vote for or against it
>at the real tally.

But, more importantly (at least to half of the net.population in
rec.radio.amateur.misc), if a vote goes towards yes, is the listserver
you administer going to be sluggish in responding to the changing world?
Are there technical (or time related) difficulties that you see? These
are all questions that we asked, and have got limited hints that you
'would see when the time comes'.

Pussyfoot, Ciao, 73 de VE6MGS/Mark -sk-

End of Info-Hams Digest V93 #435
